



## OPERATING PROCEDURE

**CARDIAC EMERGENCIES**  
**VENTRICULAR ECTOPY (PVC'S)**

 Effective Date:  
 November 1, 1986

 Revised:  
 October 1, 2000

Approved By:

Approved By Operational Medical Director:

**ALS ONLY**

1. Establish an IV of 0.9% Sodium Chloride. Establish a second IV as needed and as time allows. Do not delay transport to establish second IV
2. If PVC's are present with a bradycardic rhythm, refer to Bradycardia sub-protocol.
3. If significant symptomatic PVC'S are present, attempt to identify the underlying cause of the ectopy.
4. If indicated, consider LIDOCAINE:
  - ❑ Adult: 1.0 mg/kg IV push. Repeat every 5 to 10 minutes at 0.5mg/kg as needed. Maximum dose not to exceed 3 mg/kg (Use 50% loading dose for patient's greater than 70 years old, or with those with Liver or Renal disease)
  - ❑ Pediatric: Consider dosage recommended by the Broselow Resuscitation Tape

**MEDICAL CONTROL ONLY**

5. Administer PROCAINAMIDE:
  - ❑ Adult: 20 mg - 30 mg/min until:
    - ✓ QRS complex widens by more than 50%
    - ✓ ectopy resolves
    - ✓ hypotension occurs
    - ✓ 17 mg/kg has been given
6. Administer BRETILIUM:
  - ❑ Adult: 5 mg/kg IV bolus
7. Administer BRETILIUM:
  - ❑ Adult: 10 mg/kg IV bolus not to exceed 35 mg/kg